Release Notes
AvnFPS1.0
(Problems Fixed in AvnFPS1.0)
July 14, 2003

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2.0   Introduction

Section III of the AvnFPS Release Notes includes the Tracking Number(s) and Titles of AvnFPS problems fixed in the AvnFPS1.0 Release.

2.1   Installation

Tracking Number(s):   SPR5152
Title: AVNFPS: Install does not create directories under xmit/
Site: MDL

Tracking Number(s):   SPR5160
Title: AVNFPS: Setup program does not work
Site: MDL

Tracking Number(s):   SPR5217
Title: AVNFPS: runtrig.sh fails when run with an AFOS id argument
Site: MDL

Tracking Number(s):   SPR5220
Title: AVNFPS: avnfpsetup's Verify action always fails
Site: TBW

2.2   METAR Decoder

Tracking Number(s):   FR1109 / SPR4752
Title: AVNFPS: Bug report on METAR with a RVR
Site: CTP
Comments: The decoder stopped after encountering runway visibility range containing P6000FT. For example, the following METAR would not have its weather and sky conditions decoded.

SAUS70 KBOS 271200 RRK
METAR KBOS 271154Z 01010KT 1SM R04R/6000VP6000FT -SN BR OVC007
00/M01 A3003 RMK AO2 TWR VIS 1 ½ SLP169 4/002 P0002 60014 70014
T00001006 10028 21006 56017

Tracking Number(s):	SPR4784
Title:	AVNFPS: Migrate to separate RAP process
Site:	MDL

Tracking Number(s):	SPR4930
Title:	AVNFPS: METARs with TS FZRA not handled properly
Site:	IWX
Comments:	When TS is coded "stand alone", remaining weather is skipped by the decoder. Results in missing alerts.

Tracking Number(s):	SPR4931
Title:	AVNFPS: Changes to Text Display GUI
Site:	IWX

Tracking Number(s):	SPR4932
Title:	AVNFPS: Check for valid site id in avnsetup
Site:	ILN
Comments:	Enforced entry of 4-letter station IDs.

Tracking Number(s):	SPR5124
Title:	AVNFPS: mtrtrigger skips reports
Site:	SJU
Comments:	mtrtrigger does not process reports with spurious line METAR ddhhmmZ.

2.3   TAF Decoder

Tracking Number(s):	FR1153 / SPR4816

Title: AVNFPS: AMD NOT SKED phrase causes TAF
                                          decoder to fail
Site: PBZ

Tracking Number(s):   SPR4864
Title: AVNFPS: NIL TAF not decoded
Site:
Comments: Resulted in an error message associated with the "traffic
                                          light".

Tracking Number(s):   SPR4867
Title: AVNFPS: Update documentation
Site:

Tracking Number(s):   SPR5125
Title: AVNFPS: TS FZDZ not accepted by TAF QC
Site: BUF

Tracking Number(s):   SPR5150
Title: AVNFPS: NIL TAFs ending with '=' were not marked as
                                          decoded
Site: MDL

Tracking Number(s):   SPR5151
Title: AVNFPS: Blank lines containing spaces or tabs cause
                                          exception
Site: CAR

2.4   TAF Edit

Tracking Number(s):   SPR4343
Title: AVNFPS: TWEB QC checks need to be fixed
Site:

Tracking Number(s):   SPR4834
Title: AVNFPS: Incorrect transmission file name at the end of the month
Site: PAFG

Tracking Number(s):   SPR4835
Title: AVNFPS: Unnecessary selection dialog while loading forecast with merge option
Site: PAFG

Tracking Number(s):   SPR4836
Title: AVNFPS: Remove dead MOS code
Site: MDL

Tracking Number(s):   SPR4879
Title: AVNFPS-TAF Edit|AVNFPS: Incorrect version in BBB part of the header
Site: AJK

Tracking Number(s):   SPR4904
Title: AVNFPS: Alias file for AVN MOS data
Site: HFO

Tracking Number(s):   SPR4905
Title: AVNFPS: Increase hours of past data in time series plot
Site: HFO

Tracking Number(s):   SPR4906
Title: AVNFPS: METAR selection in Forecast Editor
Site: HFO
Comments: Allowed forecaster to select METARs to view in Forecast Editor.

Tracking Number(s):   SPR4907

Title: AVNFPS: Synchronize display of TAF and guidance
Site: MDL
Comments: Obsolete

Tracking Number(s):   SPR5055
Title: AVNFPS: transmission time selection dialog
Site: OKX
Comments: Allowed arbitrary AFOS Ids for work as TAFs and
                                    TWEBs.

Tracking Number(s):   SPR5056
Title: AVNFPS: AFOS ids of work forecasts
Site: OKX

Tracking Number(s):   SPR5057
Title: AVNFPS: TAF decoder allowed FM HHmm NIL AMD
                                    phrases
Site: OKX

2.5   TAF Monitor

Tracking Number(s):   FR1152 / SPR4815
Title: AVNFPS: The File/View menu option displayed error
                                    message
Site: CTP

Tracking Number(s):   SPR4877
Title: AVNFPS: Incorrect watch rules
Site: ILN
Comments: The rules VsbyTafThresh and VsbyMetarThresh applied
                                    methods CigTafThresh and CigMetarThresh instead.

Tracking Number(s):   SPR4908
Title: AVNFPS: Timeout in startup menu

Site: AJN
Comments: Eliminated timeout to prevent unnecessary clicks.

Tracking Number(s):   SPR4997
Title: AVNFPS: Editor freezes when accessing TAFs and
                               METARs
Site: HFO
Comments: Used threads to improve performance

Tracking Number(s):   SPR5060
Title: AVNFPS: configurable number of hours of reports kept
                               in data/*
Site: OKX

Tracking Number(s):   SPR5070
Title: AVNFPS: code cleanup
Site: MDL

Tracking Number(s):   SPR5089
Title: AVNFPS: Wrong ceiling threshold in TWEB QC
Site: OKX

2.6   TAF QC

Tracking Number(s):   SPR4999
Title: AVNFPS: Cannot enter wind gust with variable winds
Site: CTP

Tracking Number(s):   SPR5000
Title: AVNFPS: TWEB QC - fixes to sky and weather
                               handling
Site: ILN

Tracking Number(s):   SPR5218

Title: AVNFPS: The wind gust sanity check is not done for
                                variable winds
Site: MDL

Tracking Number(s):   SPR5239
Title: AVNFPS: Missing obstruction to visibility not flagged
                                in TEMPO group
Site: CTP

2.7   TWEB Decoder

None

2.8   TWEB Edit

Tracking Number(s):   GFS1-NHD_SPR_4998
Title: AVNFPS: capability to store TWEBs in database
Site: OKX

2.9   TWEB QC

Tracking Number(s):   SPR5013
Title: AVNFPS: Problem with TWEB QC Visibility
Site: NGIT

Tracking Number(s):   SPR5054
Title: AVNFPS: Tweb QC for SYNS not working
Site: LSX

Tracking Number(s):   SPR5123
Title: AVNFPS: Wrong ceiling and visibility thresholds in
                                TWB qc

Site: OKX

Tracking Number(s):   SPR5126
Title: AVNFPS: EXC replaces XCP in TWEBs
Site: NASB

Tracking Number(s):   SPR5222
Title: AVNFPS: TWEB QCs fail on ALL HGTS MSL EXC
                               CIGS AND BASES
Site: PQR